Exhibit 300: Capital Asset Plan and Business Case Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview (All Capital Assets)

1. Date of Submission:	4/10/2009
2. Agency:	Department of Energy
3. Bureau:	Environmental And Other Defense Activities
4. Name of this Capital Asset:	HS (SP) Local Area Nuclear Materials Management and Safeguards System (LANMAS)
5. Unique Project (Investment) Identifier: (For IT investment only, see section 53. For all other, use agency ID system.)	019-10-01-22-01-1016-00
6. What kind of investment will this be in FY 2010? (Please NOTE: Investments moving to O&M in FY 2010, with Planning/Acquisition activities prior to FY 2010 should not select O&M. These investments should indicate their current status.)	Operations and Maintenance
7. What was the first budget year this investment was submitted to OMB?	FY2003

8. Provide a brief summary and justification for this investment, including a brief description of how this closes in part or in whole an identified agency performance gap:

9. Did the Agency's Executive/Investment Committee approve this request?	Yes
a. If "yes," what was the date of this approval?	8/21/2008
10. Did the Project Manager review this Exhibit?	Yes
11. Contact information of Program/Project Manager?	
Name	Le, Vincent
Phone Number	301-903-4648
Email	vinh.le@hq.doe.gov
a. What is the current FAC-P/PM (for civilian agencies) or DAWIA (for defense agencies) certification level of the program/project manager?	Waiver Issued
b. When was the Program/Project Manager Assigned?	8/8/2008
c. What date did the Program/Project Manager receive the FAC-P/PM certification? If the certification has not been issued, what is the anticipated date for certification?	8/7/2009
12. Has the agency developed and/or promoted cost effective, energy-efficient and environmentally sustainable techniques or practices for this project?	Yes
a. Will this investment include electronic assets (including computers)?	Yes
b. Is this investment for new construction or major retrofit of a Federal building or facility? (answer applicable to non-IT assets only)	No
1. If "yes," is an ESPC or UESC being used to help fund this investment?	
2. If "yes," will this investment meet sustainable design principles?	
3. If "yes," is it designed to be 30% more energy efficient than relevant code?	
13. Does this investment directly support one of the PMA initiatives?	Yes

If "yes," check all that apply:	Real Property Asset Management Expanded E-Government
a. Briefly and specifically describe for each selected how this asset directly supports the identified initiative(s)? (e.g. If E-Gov is selected, is it an approved shared service provider or the managing partner?)	E-Gov Collaboration and Reuse-By integrating the support of DOE and NRC reporting and analysis plus international treaties through the Department of State.
14. Does this investment support a program assessed using the Program Assessment Rating Tool (PART)? (For more information about the PART, visit www.whitehouse.gov/omb/part.)	No
a. If "yes," does this investment address a weakness found during a PART review?	No
b. If "yes," what is the name of the PARTed program?	
c. If "yes," what rating did the PART receive?	
15. Is this investment for information technology?	Yes

If the answer to Question 15 is "Yes," complete questions 16-23 below. If the answer is "No," do not answer questions 16-23.

For information technology investments only:

16. What is the level of the IT Project? (per CIO Council PM Guidance)	Level 2
17. In addition to the answer in 11(a), what project management qualifications does the Project Manager have? (per CIO Council PM Guidance)	(1) Project manager has been validated as qualified for this investment
18. Is this investment or any project(s) within this investment identified as "high risk" on the Q4 - FY 2008 agency high risk report (per OMB Memorandum M-05-23)	No
19. Is this a financial management system?	No
a. If "yes," does this investment address a FFMIA compliance area?	
1. If "yes," which compliance area:	N/A
2. If "no," what does it address?	

b. If "yes," please identify the system name(s) and system acronym(s) as reported in the most recent financial systems inventory update required by Circular A-11 section 52

20. What is the percentage breakout for the total FY2010 funding request for the following? (This should total 100%)

Hardware	2
Software	2
Services	96
Other	0
21. If this project produces information dissemination products for the public, are these products published to the Internet in conformance with OMB Memorandum 05-04 and included in your agency inventory, schedules and priorities?	N/A

22. Contact information of individual responsible for privacy related questions:

Name	Martin, Stephanie
Phone Number	301-903-9881
Title	Director, HS-1.23
E-mail	stephanie.martin@hq.doe.gov
23. Are the records produced by this investment appropriately scheduled with the National Archives and Records Administration's approval?	Yes

Question 24 must be answered by all Investments:

24. Does this investment directly support one of the GAO High Risk Areas?	No

Section B: Summary of Spending (All Capital Assets)

1. Provide the total estimated life-cycle cost for this investment by completing the following table. All amounts represent budget authority in millions, and are rounded to three decimal places. Federal personnel costs should be included only in the row designated "Government FTE Cost," and should be excluded from the amounts shown for "Planning," "Full Acquisition," and "Operation/Maintenance." The "TOTAL" estimated annual cost of the investment is the sum of costs for "Planning," "Full Acquisition," and "Operation/Maintenance." For Federal buildings and facilities, life-cycle costs should include long term energy, environmental, decommissioning, and/or restoration costs. The costs associated with the entire life-cycle of the investment should be included in this report.

Table 1: SUMMARY OF SPENDING FOR PROJECT PHASES (REPORTED IN MILLIONS)
(Estimates for BY+1 and beyond are for planning purposes only and do not represent budget decisions)

	PY-1 and earlier	PY 2008	CY 2009	BY 2010	BY+1 2011	BY+2 2012	BY+3 2013	BY+4 and beyond	Total
Planning:	0	0	0	0	0	0	0	0	0
Acquisition:	2.732	0	0	0	0	0	0	0	2.732
Subtotal Planning & Acquisition:	2.732	0	0	0	0	0	0	0	2.732
Operations & Maintenance:	5.084	1.718	1.179	1.179	1.179	1.179	0	0	11.518
TOTAL:	7.816	1.718	1.179	1.179	1.179	1.179	0	0	14.250
Government FTE Costs should not be included in the amounts provided above.									
Government FTE Costs	0.687	0.149	0.134	0.134	0.134	0.134	0	0	1.372
Number of FTE represented by Costs:	5	1	1	1	1	1	0	0	10

Note: For the multi-agency investments, this table should include all funding (both managing partner and partner agencies). Government FTE Costs should not be included as part of the TOTAL represented.

2. Will this project require the agency to hire additional FTE's? No

a. If "yes," How many and in what year?

3. If the summary of spending has changed from the FY2009 President's budget request, briefly explain those changes:

Section C: Acquisition/Contract Strategy (All Capital Assets)

1. Complete the table for all (including all non-Federal) contracts and/or task orders currently in place or planned for this investment. Total Value should include all option years for each contract. Contracts and/or task orders completed do not need to be included.

Contracts/Task Orders Table: * Costs in millions

Contract or Task Order Number	Type of Contract/ Task Order (In accordance with FAR Part 16)	Has the contract been awarded (Y/N)	If so what is the date of the award? If not, what is the planned award date?	Start date of Contract/ Task Order	End date of Contract/ Task Order	Total Value of Contract/ Task Order ($M)	Is this an Interagency Acquisition? (Y/N)	Is it performance based? (Y/N)	Competitively awarded? (Y/N)	What, if any, alternative financing option is being used? (ESPC, UESC, EUL, N/A)	Is EVM in the contract? (Y/N)	Does the contract include the required security & privacy clauses? (Y/N)	Name of CO	CO Contact information (phone/email)	Contracting Officer FAC-C or DAWIA Certification Level (Level 1, 2, 3, N/A)	If N/A, has the agency determined the CO assigned has the competencies and skills necessary to support this acquisition? (Y/N)
DE-AC09-96-SR-185000 EVMS is utilized on all LANMAS tasking for this contract due to the umbrella nature of the contract. This provides an effective means of tracking performance.	Management and Operating (M&O)	Yes	8/6/1996	10/1/1996	7/31/2008	8.2108	No	Yes	Yes	NA	Yes	Yes	Lovett, James	803-952-9829 / james.lovett@srs.gov	Level 3	
DE-AC09-08SR22470. EVMS is utilized on all LANMAS tasking for this contract due to the umbrella nature of the contract. This provides an effective means of tracking performance.	Management and Operating (M&O)	Yes	1/10/2008	8/1/2008	12/31/2012	6.0392	No	Yes	Yes	NA	Yes	Yes	Lovett, James	803-952-9829 / james.lovett@srs.gov	Level 3	

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

Earned Value is used.

3. Do the contracts ensure Section 508 compliance?	Yes
a. Explain why not or how this is being done?	Compliance is met. User interfaces are designed using Microsoft standards for user interfaces that support 508 access requirements to provide suuport to handicapped / disabled users.
4. Is there an acquisition plan which reflects the requirements of FAR Subpart 7.1 and has been approved in accordance with agency requirements?	Yes
a. If "yes," what is the date?	1/10/2008
1. Is it Current?	
b. If "no," will an acquisition plan be developed?	
1. If "no," briefly explain why:	

Section D: Performance Information (All Capital Assets)

In order to successfully address this area of the exhibit 300, performance goals must be provided for the agency and be linked to the annual performance plan. The investment must discuss the agency's mission and strategic goals, and performance measures (indicators) must be provided. These goals need to map to the gap in the agency's strategic goals and objectives this investment is designed to fill. They are the internal and external performance benefits this investment is expected to deliver to the agency (e.g., improve efficiency by 60 percent, increase citizen participation by 300 percent a year to achieve an overall citizen participation rate of 75 percent by FY 2xxx, etc.). The goals must be clearly measurable investment outcomes, and if applicable, investment outputs. They do not include the completion date of the module, milestones, or investment, or general goals, such as, significant, better, improved that do not have a quantitative or qualitative measure.

Agencies must use the following table to report performance goals and measures for the major investment and use the Federal Enterprise Architecture (FEA) Performance Reference Model (PRM). Map all Measurement Indicators to the corresponding "Measurement Area" and "Measurement Grouping" identified in the PRM. There should be at least one Measurement Indicator for each of the four different Measurement Areas (for each fiscal year). The PRM is available at www.egov.gov. The table can be extended to include performance measures for years beyond the next President's Budget.

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
2007	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Customer Results	Service Coverage	New Customers and Market Penetration	Percentage of DOE Nuclear Material Sites using LANMAS	Over 60% of sites are supported by LANMAS	Maintain current percentage of site coverage	Percentage of sites supported by LANMAS has been maintained.
2007	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Mission and Business Results	International Affairs and Commerce	Foreign Affairs	Percentage of DOE Nuclear Material Inventory Coverage by Inventory Class	Over 90% of DOE High enriched Uranium under IAEA Safeguard	Maintain current percentage of Inventory coverage	Percentage of nuclear materials inventory coverage has been maintained.
2007	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Processes and Activities	Management and Innovation	Compliance	Percentage of DOE Nuclear Material Inventory Coverage by Inventory Class	Over 90% of nuclear material obligated to foreign governments under Agreements for Cooperation	Maintain current percentage of Inventory coverage	Percentage of nuclear materials inventory in this category has been maintained.
2007	GOAL 2.2 Weapons of Mass Destruction	Technology	Financial (Technology)	Operations and Maintenance Costs	% of Rework and Testing of the total project	The testing and rework is expected to be	Maintain current percentage of total project	Exceeded goal. Testing and rework equaled

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.					down to 35% of the total project hours.		22% of total project cost for the Version 3.2 project that was completed in FY2007.
2008	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Customer Results	Service Coverage	New Customers and Market Penetration	Percentage of DOE Nuclear Material Sites using LANMAS	Over 60% of sites are supported by LANMAS	Maintain current percentage of site coverage	As of EOY FY08, site coverage has been maintained at >60% of sites.
2008	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Customer Results	Service Coverage	New Customers and Market Penetration	Number of LANMAS sites using automated processing	1 site	Increase to 2 LANMAS sites total.	As of EOY FY08, 3 sites are using automated transaction processing.
2008	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Mission and Business Results	International Affairs and Commerce	Foreign Affairs	Percentage of DOE Nuclear Material Inventory Coverage by Inventory Class	Over 90% of DOE High enriched Uranium under IAEA Safeguard	Maintain current percentage of Inventory coverage	As of EOY FY08, percentage of nuclear materials inventory coverage has been maintained.
2008	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Processes and Activities	Management and Innovation	Compliance	Percentage of DOE Nuclear Material Inventory Coverage by Inventory Class	Over 90% of nuclear material obligated to foreign governments under Agreements for Cooperation	Maintain current percentage of Inventory coverage	Annual As of EOY FY 2008, current percentage of inventory coverage has been maintained.
2008	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Effectiveness	User Requirements	Percentage of LANMAS Sites receiving NMMSS Excellence in Reporting	66% as of June, 2007	Increase to greater than or equal to 70%	As of EOY 2008, >70% of sites received NMMSS Excellence in Reporting.
2008	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Efficiency	Accessibility	% of Rework and Testing of the total project	The testing and rework is expected to be down to 35% of the total project hours.	Maintain current percentage of total project	Rework and Testing were 27% of total effort for the last maintenance release of the LANMAS product (LANMAS V3.2a SP1).
2009	GOAL 2.2 Weapons of Mass Destruction Prevent the	Customer Results	Service Coverage	New Customers and Market Penetration				

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.							
2009	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Customer Results	Service Coverage	New Customers and Market Penetration	Number of LANMAS sites using automated processing	2008 Results TBD, Projected at 2 Sites	Increase to 3 LANMAS sites total.	As of Q2 FY 2009, 3 sites are using automated transaction processing.
2009	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Mission and Business Results	International Affairs and Commerce	Foreign Affairs				
2009	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Processes and Activities	Management and Innovation	Compliance				
2009	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Effectiveness	User Requirements	Percentage of LANMAS Sites receiving NMMS Excellence in Reporting	2008 Results TBD, Projected to be 70%	Increase to greater than or equal to 75%.	TBD at May, 2009 Annual Users Meeting.
2009	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Efficiency	Technology Improvement	% of Rework and Testing of the total project	The testing and rework is expected to be down to 35% of the total project hours.	Maintain current percentage of total project	Rework and testing was 27% of total project hours for the last maintenance release of LANMAS (V3.2a SP1)
2010	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Customer Results	Service Coverage	New Customers and Market Penetration				
2010	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of	Customer Results	Service Coverage	New Customers and Market Penetration	Number of LANMAS sites using automated processing	2009 Results TBD, Projected at 3 Sites	Maintain at 3 LANMAS sites total.	Annual reporting in Q1 of the next fiscal year.

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.							
2010	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Mission and Business Results	International Affairs and Commerce	Foreign Affairs				
2010	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Processes and Activities	Management and Innovation	Compliance				
2010	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Effectiveness	User Requirements	Percentage of LANMAS Sites receiving NMMS Excellence in Reporting	2009 Results TBD, Projected to be 75%	Maintain at or above 75%	Annual reporting in Q1 of the next fiscal year.
2010	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Financial (Technology)	Operations and Maintenance Costs	% of Rework and Testing of the total project	The testing and rework is expected to be down to 30% of the total project hours.	Reduce current percentage of total project rework 5% ultimately reducing cost.	Annual Reporting in Q1 of the next fiscal year
2011	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Customer Results	Service Coverage	New Customers and Market Penetration				
2011	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Customer Results	Service Coverage	New Customers and Market Penetration	Number of LANMAS sites using automated processing	2010 Results TBD, Projected at 3 Sites	Increase to 4 LANMAS sites total.	Annual reporting in Q1 of the next fiscal year.
2011	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and	Mission and Business Results	International Affairs and Commerce	Foreign Affairs				

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	radiological materials for use in weapons of mass destruction and other acts of terrorism.							
2011	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Processes and Activities	Management and Innovation	Compliance				
2011	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Effectiveness	User Requirements	Percentage of LANMAS Sites receiving NMMS Excellence in Reporting	2010 Results TBD, Projected to be greater than or equal to 75%	Increase to greater than or equal to 80%.	Annual reporting in Q1 of the next fiscal year.
2011	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Financial (Technology)	Operations and Maintenance Costs	% of Rework and Testing of the total project	The testing and rework is expected to be down to 30% of the total project hours.	Maintain current percentage of total project	Annual Reporting in Q1 of the next fiscal year
2012	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Customer Results	Service Coverage	New Customers and Market Penetration				
2012	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Customer Results	Service Coverage	New Customers and Market Penetration	Number of LANMAS sites using automated processing	2011 Results TBD, Projected at 4 Sites.	Increase to 5 LANMAS sites total.	Annual reporting in Q1 of the next fiscal year.
2012	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Mission and Business Results	International Affairs and Commerce	Foreign Affairs				
2012	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological	Processes and Activities	Management and Innovation	Compliance				

Performance Information Table

Fiscal Year	Strategic Goal(s) Supported	Measurement Area	Measurement Category	Measurement Grouping	Measurement Indicator	Baseline	Target	Actual Results
	materials for use in weapons of mass destruction and other acts of terrorism.							
2012	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Effectiveness	User Requirements	Percentage of LANMAS Sites receiving NMMS Excellence in Reporting	2010 Results TBD, Projected to be greater than or equal to 80%	Maintain at or above 80%	Annual reporting in Q1 of the next fiscal year.
2012	GOAL 2.2 Weapons of Mass Destruction Prevent the acquisition of nuclear and radiological materials for use in weapons of mass destruction and other acts of terrorism.	Technology	Financial (Technology)	Operations and Maintenance Costs	% of Rework and Testing of the total project	The testing and rework is expected to be down to 25% of the total project hours.	Reduce current percentage of total project rework 5% ultimately reducing cost.	Annual Reporting in Q1 of the next fiscal year

Section E: Security and Privacy (IT Capital Assets only)

In order to successfully address this area of the business case, each question below must be answered at the system/application level, not at a program or agency level. Systems supporting this investment on the planning and operational systems security tables should match the systems on the privacy table below. Systems on the Operational Security Table must be included on your agency FISMA system inventory and should be easily referenced in the inventory (i.e., should use the same name or identifier).

For existing Mixed-Life Cycle investments where enhancement, development, and/or modernization is planned, include the investment in both the "Systems in Planning" table (Table 3) and the "Operational Systems" table (Table 4). Systems which are already operational, but have enhancement, development, and/or modernization activity, should be included in both Table 3 and Table 4. Table 3 should reflect the planned date for the system changes to be complete and operational, and the planned date for the associated C&A update. Table 4 should reflect the current status of the requirements listed. In this context, information contained within Table 3 should characterize what updates to testing and documentation will occur before implementing the enhancements; and Table 4 should characterize the current state of the materials associated with the existing system.

All systems listed in the two security tables should be identified in the privacy table. The list of systems in the "Name of System" column of the privacy table (Table 8) should match the systems listed in columns titled "Name of System" in the security tables (Tables 3 and 4). For the Privacy table, it is possible that there may not be a one-to-one ratio between the list of systems and the related privacy documents. For example, one PIA could cover multiple systems. If this is the case, a working link to the PIA may be listed in column (d) of the privacy table more than once (for each system covered by the PIA).

The questions asking whether there is a PIA which covers the system and whether a SORN is required for the system are discrete from the narrative fields. The narrative column provides an opportunity for free text explanation why a working link is not provided. For example, a SORN may be required for the system, but the system is not yet operational. In this circumstance, answer "yes" for column (e) and in the narrative in column (f), explain that because the system is not operational the SORN is not yet required to be published.

Please respond to the questions below and verify the system owner took the following actions:

1. Have the IT security costs for the system(s) been identified and integrated into the overall costs of the investment?:

a. If "yes," provide the "Percentage IT Security" for the budget year:

2. Is identifying and assessing security and privacy risks a part of the overall risk management effort for each system supporting or part of this investment?

3. Systems in Planning and Undergoing Enhancement(s), Development, and/or Modernization - Security Table(s):

Name of System	Agency/ or Contractor Operated System?	Planned Operational Date	Date of Planned C&A update (for existing mixed life cycle systems) or Planned Completion Date (for new systems)

4. Operational Systems - Security Table:

Name of System	Agency/ or Contractor Operated System?	NIST FIPS 199 Risk Impact level (High, Moderate, Low)	Has C&A been Completed, using NIST 800-37? (Y/N)	Date Completed: C&A	What standards were used for the Security Controls tests? (FIPS 200/NIST 800-53, Other, N/A)	Date Completed: Security Control Testing	Date the contingency plan tested
Local Area Nuclear Accountability Software (LANMAS) - Classified Operation							
Local Area Nuclear Accountability Software (LANMAS) - Unclassified Software Maintenance and Support							

5. Have any weaknesses, not yet remediated, related to any of the systems part of or supporting this investment been identified by the agency or IG?

a. If "yes," have those weaknesses been incorporated into the agency's plan of action and milestone process?

6. Indicate whether an increase in IT security funding is requested to remediate IT security weaknesses?

a. If "yes," specify the amount, provide a general description of the weakness, and explain how the funding request will remediate the weakness.

7. How are contractor security procedures monitored, verified, and validated by the agency for the contractor systems above?

Contractor security procedures are monitored, verified and validated by a comprehensive set of controls that include inbound and outbound monitoring of connections, internal system log/audit reviews, annual risk assessments and continuous monitoring. Contractor security procedures and performance is surveyed annually by the DOE Savannah River Operations Office and independently assessed by the DOE Office of Security and Safety Performance Assurance (SSA) and the DOE Inspector General. In addition, LANMAS users are periodically briefed on security controls during the quarterly user group meetings and teleconferences, and participate in training on security controls as part of the Savannah River Site annual Consolidated Annual Training (CAT) Program.

8. Planning & Operational Systems - Privacy Table:

(a) Name of System	(b) Is this a new system? (Y/N)	(c) Is there at least one Privacy Impact Assessment (PIA) which covers this system? (Y/N)	(d) Internet Link or Explanation	(e) Is a System of Records Notice (SORN) required for this system? (Y/N)	(f) Internet Link or Explanation
Local Area Nuclear Accountability Software (LANMAS) - Classified Operation	No	No	Because the system does not contain, process, or transmit personal identifying information.	No	Because the system is not a Privacy Act system of records.
Local Area Nuclear Accountability Software (LANMAS) - Unclassified Software Maintenance and Support	No	No	Because the system does not contain, process, or transmit personal identifying information.	No	Because the system is not a Privacy Act system of records.

Details for Text Options:
Column (d): If yes to (c), provide the link(s) to the publicly posted PIA(s) with which this system is associated. If no to (c), provide an explanation why the PIA has not been publicly posted or why the PIA has not been conducted.

Column (f): If yes to (e), provide the link(s) to where the current and up to date SORN(s) is published in the federal register. If no to (e), provide an explanation why the SORN has not been published or why there isn't a current and up to date SORN.

Note: Working links must be provided to specific documents not general privacy websites. Non-working links will be considered as a blank field.

Section F: Enterprise Architecture (EA) (IT Capital Assets only)

In order to successfully address this area of the capital asset plan and business case, the investment must be included in the agency's EA and Capital Planning and Investment Control (CPIC) process and mapped to and supporting the FEA. The business case must demonstrate the relationship between the investment and the business, performance, data, services, application, and technology layers of the agency's EA.

1. Is this investment included in your agency's target enterprise architecture? Yes

a. If "no," please explain why?

2. Is this investment included in the agency's EA Transition Strategy?	Yes
a. If "yes," provide the investment name as identified in the Transition Strategy provided in the agency's most recent annual EA Assessment.	HS (SP) Local Area Nuclear Material Accountability Software (LANMAS)
b. If "no," please explain why?	
3. Is this investment identified in a completed and approved segment architecture?	No
a. If "yes," provide the six digit code corresponding to the agency segment architecture. The segment architecture codes are maintained by the agency Chief Architect. For detailed guidance regarding segment architecture codes, please refer to http://www.egov.gov.	240-000

4. Service Component Reference Model (SRM) Table:
Identify the service components funded by this major IT investment (e.g., knowledge management, content management, customer relationship management, etc.). Provide this information in the format of the following table. For detailed guidance regarding components, please refer to http://www.egov.gov.

Agency Component Name	Agency Component Description	FEA SRM Service Domain	FEA SRM Service Type	FEA SRM Component (a)	Service Component Reused Name (b)	Service Component Reused UPI (b)	Internal or External Reuse? (c)	BY Funding Percentage (d)
Forensics	Support the analysis of physical elements using science and technology for investigative and legal purposes	Business Analytical Services	Analysis and Statistics	Forensics			No Reuse	20
Data Mining	Provide for the efficient discovery of non-obvious, valuable patterns and relationships within a large collection of data	Business Analytical Services	Knowledge Discovery	Data Mining			No Reuse	10
Ad Hoc	Support the use of dynamic reports on an as needed basis	Business Analytical Services	Reporting	Ad Hoc	Ad Hoc	019-10-01-22-01-1015-00	Internal	10
Standardized / Canned	Support the use of pre-conceived or pre-written reports	Business Analytical Services	Reporting	Standardized / Canned	Standardized / Canned	019-10-01-22-01-1015-00	Internal	20
Inventory management	Provide for the balancing of customer service levels with inventory investment	Business Management Services	Supply Chain Management	Inventory management	Inventory management	019-10-01-22-01-1015-00	Internal	10
Content Publishing and Delivery	Allow for the propagation of interactive programs	Digital Asset Services	Content Management	Content Publishing and Delivery			No Reuse	20
Information Mapping / Taxonomy	Support the creation and maintenance of relationships between data entities, naming standards and categorization	Digital Asset Services	Knowledge Management	Information Mapping / Taxonomy			No Reuse	10

a. Use existing SRM Components or identify as "NEW". A "NEW" component is one not already identified as a service component in the FEA SRM.

b. A reused component is one being funded by another investment, but being used by this investment. Rather than answer yes or no, identify the reused service component funded by the other investment and identify the other investment using the Unique Project Identifier (UPI) code from the OMB Ex 300 or Ex 53 submission.

c. 'Internal' reuse is within an agency. For example, one agency within a department is reusing a service component provided by another agency within the same department. 'External' reuse is one agency within a department reusing a service

component provided by another agency in another department. A good example of this is an E-Gov initiative service being reused by multiple organizations across the federal government.

d. Please provide the percentage of the BY requested funding amount used for each service component listed in the table. If external, provide the percentage of the BY requested funding amount transferred to another agency to pay for the service. The percentages in the column can, but are not required to, add up to 100%.

5. Technical Reference Model (TRM) Table:
To demonstrate how this major IT investment aligns with the FEA Technical Reference Model (TRM), please list the Service Areas, Categories, Standards, and Service Specifications supporting this IT investment.

FEA SRM Component (a)	FEA TRM Service Area	FEA TRM Service Category	FEA TRM Service Standard	Service Specification (b) (i.e., vendor and product name)
Data Mining	Component Framework	Business Logic	Platform Dependent Technologies	
Forensics	Component Framework	Business Logic	Platform Dependent Technologies	
Data Mining	Component Framework	Business Logic	Platform Dependent Technologies	
Data Mining	Component Framework	Data Management	Database Connectivity	
Data Mining	Component Framework	Data Management	Database Connectivity	
Ad Hoc	Component Framework	Data Management	Reporting and Analysis	
Content Publishing and Delivery	Service Access and Delivery	Access Channels	Other Electronic Channels	
Content Publishing and Delivery	Service Access and Delivery	Delivery Channels	Intranet	
Content Publishing and Delivery	Service Access and Delivery	Service Transport	Supporting Network Services	
Content Publishing and Delivery	Service Access and Delivery	Service Transport	Supporting Network Services	
Ad Hoc	Service Interface and Integration	Integration	Enterprise Application Integration	
Inventory management	Service Interface and Integration	Integration	Enterprise Application Integration	
Information Mapping / Taxonomy	Service Interface and Integration	Interoperability	Data Format / Classification	
Information Mapping / Taxonomy	Service Interface and Integration	Interoperability	Data Types / Validation	
Inventory management	Service Platform and Infrastructure	Database / Storage	Database	
Information Mapping / Taxonomy	Service Platform and Infrastructure	Hardware / Infrastructure	Embedded Technology Devices	
Information Mapping / Taxonomy	Service Platform and Infrastructure	Hardware / Infrastructure	Local Area Network (LAN)	
Information Mapping / Taxonomy	Service Platform and Infrastructure	Hardware / Infrastructure	Network Devices / Standards	
Standardized / Canned	Service Platform and Infrastructure	Hardware / Infrastructure	Peripherals	
Inventory management	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment	
Inventory management	Service Platform and Infrastructure	Software Engineering	Integrated Development Environment	
Forensics	Service Platform and Infrastructure	Software Engineering	Modeling	
Inventory management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Content Publishing and Delivery	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Forensics	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Inventory management	Service Platform and Infrastructure	Software Engineering	Software Configuration Management	
Standardized / Canned	Service Platform and Infrastructure	Software Engineering	Test Management	
Inventory management	Service Platform and Infrastructure	Software Engineering	Test Management	
Information Mapping / Taxonomy	Service Platform and Infrastructure	Support Platforms	Dependent Platform	
Content Publishing and Delivery	Service Platform and Infrastructure	Support Platforms	Dependent Platform	

a. Service Components identified in the previous question should be entered in this column. Please enter multiple rows for FEA SRM Components supported by multiple TRM Service Specifications

b. In the Service Specification field, agencies should provide information on the specified technical standard or vendor product mapped to the FEA TRM Service Standard, including model or version numbers, as appropriate.

6. Will the application leverage existing components and/or applications across the Government (i.e., USA.gov, Pay.Gov, etc)?	Yes

a. If "yes," please describe.

LANMAS supports E-Gov collaboration and reuse by integrating the support of DOE and NRC reporting and analysis plus international treaties through the Department of State.

Exhibit 300: Part III: For "Operation and Maintenance" investments ONLY (Steady State)

Section A: Risk Management (All Capital Assets)

Part III should be completed only for investments identified as "Operation and Maintenance" (Steady State) in response to Question 6 in Part I, Section A above.

You should have performed a risk assessment during the early planning and initial concept phase of this investment's life-cycle, developed a risk-adjusted life-cycle cost estimate and a plan to eliminate, mitigate or manage risk, and be actively managing risk throughout the investment's life-cycle.

1. Does the investment have a Risk Management Plan? Yes

a. If "yes," what is the date of the plan? 6/6/2008

b. Has the Risk Management Plan been significantly changed since last year's submission to OMB? Yes

c. If "yes," describe any significant changes:

The Risk Management Plan was updated to review cost, schedule, technical and programmatic risks associated with executing the LANMAS program in the steady state operations and maintenance phase of the product lifecycle.

2. If there currently is no plan, will a plan be developed?

a. If "yes," what is the planned completion date?

b. If "no," what is the strategy for managing the risks?

Section B: Cost and Schedule Performance (All Capital Assets)

1. Was an operational analysis conducted? Yes

a. If "yes," provide the date the analysis was completed. 6/2/2008

b. If "yes," what were the results?

Monthly reviews are conducted by by the DOE Savannah River Operations Office and independently assessed by the DOE Office of Security and Safety Performance Assurance (SSA). The SSA Program Manager conducts monthly reviews with the Contractor staff of cost and schedule variance reporting, maintenance status for all components of LANMAS, and performance against established metrics for customer results, strategic and business results, financial performance, and innovation. As an additional tool to manage and mitigate cost and schedule risks, DOE Program Management has required EVMS on the LANMAS steady state investment. EVMS is implemented to monitor cost and schedule risks over time by linking defined performance goals and metrics to actual accomplishments. EVMS provides an early warning system to identify, manage and mitigate cost and schedule risks.

The most recent LANMAS program review was completed on March 24, 2008 and discussed the EVM performance against program elements and accomplishment of program objectives. Risks and mitigation strategies were developed in the following areas:

1) Impact on IT support in moving from a single prime contract environment to a multi-prime contract environment.
2) Impact from changes in the application of software engineering technology including tools and resources required to meet safety software criteria for the LANMAS product.
3) The technical resources available to the program are not adequate to execute a safety software project.

An update to the March 24, 2008 program review was conducted on June 2, 2008 and focused on: Customer Results; Strategic and Business Results; Financial Performance; and Innovation.

c. If "no," please explain why it was not conducted and if there are any plans to conduct operational analysis in the future:

2. Complete the following table to compare actual cost performance against the planned cost performance baseline. Milestones reported may include specific individual scheduled preventative and predictable corrective maintenance activities, or may be the total of planned annual operation and maintenance efforts).

a. What costs are included in the reported Cost/Schedule Performance information (Government Only/Contractor Only/Both)? Contractor Only

2.b Comparison of Plan vs. Actual Performance Table

Milestone Number	Description of Milestone	Planned		Actual		Variance	
		Completion Date (mm/dd/yyyy)	Total Cost($M)	Completion Date (mm/dd/yyyy)	Total Cost($M)	Schedule (# days)	Cost($M)
1	FY 2004 LANMAS Steady State Support and Maintenance	9/30/2004	$0.930000	9/30/2004	$0.930000	0	$0.000000
2	FY 2004 DME Development and Release of LANMAS Version 3.0	9/30/2004	$0.900000	9/30/2004	$0.900000	0	$0.000000
3	FY 2005 LANMAS Steady State Support and Maintenance	9/30/2005	$0.930000	9/30/2005	$0.930000	0	$0.000000
4	FY 2005 DME Development and Release of LANMAS Version 3.1	9/30/2005	$0.900000	9/30/2005	$0.900000	0	$0.000000
5	FY 2006 LANMAS Steady State Support and Maintenance	9/30/2006	$1.168000	9/30/2006	$1.138000	0	$0.030000
6	FY 2006 DME Development and Release of Version 4.0	9/30/2006	$0.932000	9/30/2006	$0.699000	0	$0.233000
6.1	FY 2006 DME Development and Release of Version 4.0	9/30/2006	$0.932000	9/30/2006	$0.699000	0	$0.233000
6.2	Risk Management - Train technical team in Microsoft .NET technology.	9/29/2006	$0.000000	9/29/2006	$0.000000	0	$0.000000
6.3	Risk Management - Conduct presentation on possible effects of .NET at LANMAS User Group	5/31/2006	$0.000000	5/31/2006	$0.000000	0	$0.000000
6.4	Risk Management - Discuss .NET implications during LANMAS User Group Conferences	9/29/2006	$0.000000	9/29/2006	$0.000000	0	$0.000000
7	FY 2007 LANMAS Steady State Support and Maintenance	9/30/2007	$2.056000	9/30/2007	$1.472000	0	$0.584000
7.1	FY 2007 LANMAS Steady State Support and Maintenance	9/30/2007	$2.056000	9/30/2007	$1.472000	0	$0.584000
7.2	Risk Management - Submit Version 4.0 Design Package to User sites prior to construction	9/28/2007	$0.000000	6/30/2007	$0.000000	90	$0.000000
8	FY 2008 LANMAS Steady State Support and Maintenance	9/30/2008	$1.718000	9/30/2008	$1.109500	0	$0.608500
9	FY 2009 LANMAS Steady State Support and Maintenance	9/30/2009	$1.179000		$0.598400		$0.580600
10	FY 2010 LANMAS Steady State Support and Maintenance	9/30/2010	$1.179000				

2.b Comparison of Plan vs. Actual Performance Table

Milestone Number	Description of Milestone	Planned		Actual		Variance	
		Completion Date (mm/dd/yyyy)	Total Cost($M)	Completion Date (mm/dd/yyyy)	Total Cost($M)	Schedule (# days)	Cost($M)
11	FY 2011 LANMAS Steady State Support and Maintenance	9/30/2011	$1.179000				
12	FY 2012 LANMAS Steady State Support and Maintenance	9/30/2012	$1.179000				
Project Totals		**9/30/2012**	**$14.250000**	**9/30/2008**	**$8.676900**	**1461**	**$5.573100**